Work Order ID 112020

112020

Tuesday, January 28, 2014 1:38:54 PM

Item ID: D4920-1 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: End Fitting

Start Date: 1/28/2014 **Start Qty:** 3.00 ~~*3*~~ 2X

Required Date: 2/14/2014 **Req'd Qty:** 3.00 ~~*3*~~

Reference:

Cust Item ID:

Customer:

Approvals: **Process Plan:** MF **Date:** 14-1-28 **Tooling:** _____ **Date:** _____ **Run Start** *NR1*

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____ **Stop** *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr D4920	**Revision Nbr** Rev A 14-04-04								
100		0.00							
100									
Outsource5	**Memo**	0.00							
Outsource process - Machining	ISSUE P/O: 22836 POSSIBLE SUPPLIER:ATG C OF C IS REQUIRED								
110	QC6- Inspect dimensions to drawing	0.00	DAS 27 9-8 14/3/25						
110									
QC	**Memo**	0.00							
Quality Control									
150		0.00							
150	PURCHASING								
Purchasing	**Memo**	0.00							
Purchasing	Issue P/O: 23509 LPI Per ASTM 1417 LEVEL 2 Certificate of conformaty is required								

mk 14/1/30

2X SP 14-3-24.

2

CL 14/03/25 (2)

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

Work Order ID 112020

112020

Tuesday, January 28, 2014 1:38:54 PM

Item ID: D4920-1 **Accept** *N9000040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: End Fitting

Start Date: 1/28/2014 **Start Qty:** 3.00 *3*

Required Date: 2/14/2014 **Req'd Qty:** 3.00 *3*

Reference:

Cust Item ID:

Customer:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	Receive & Inspect for Damage & Mat'l Certs	0.00							
160									
Packaging	**Memo**	0.00							
Packaging	Ensure certificate of conformity is attached								
190	QC21- Final Inspection - Work Order Release	0.00							
190									
QC	**Memo**	0.00							
Quality Control									

CL 14/03/25 (2)

DAS 27 ~~9-89~~ 14/3/25

QC5

MLJ 14-04-02

ST 127 D2A SP 14-4-2.

MLJ 14-04-02

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function
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☐ Hardware
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☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

Picklist Print

Tuesday, January 28, 2014 1:38:53 PM

Work Order ID: 112020

Parent Item: D4920-1

Parent Item Name: End Fitting

Start Date: 1/28/2014 **Required Date:** 2/14/2014

Start Qty: 3.00 **Required Qty:** 3.00

Comments: IPP REV:A NEW ISSUE 14-01-28 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4920-1P End Fitting		Purchased	No				Each	0.0000		2 x 3	SP 14-3-24		
M174PH-H900R1.375 17-4 SS H900 ROUND BAR 1.375		Purchased	No				f	90.0000		2	CL 14/01/30		

1.50

Location	Loc Qty	Loc Code
MAT031	90	
111123	12	
121280	27	
m126952	51	2

m1127334

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

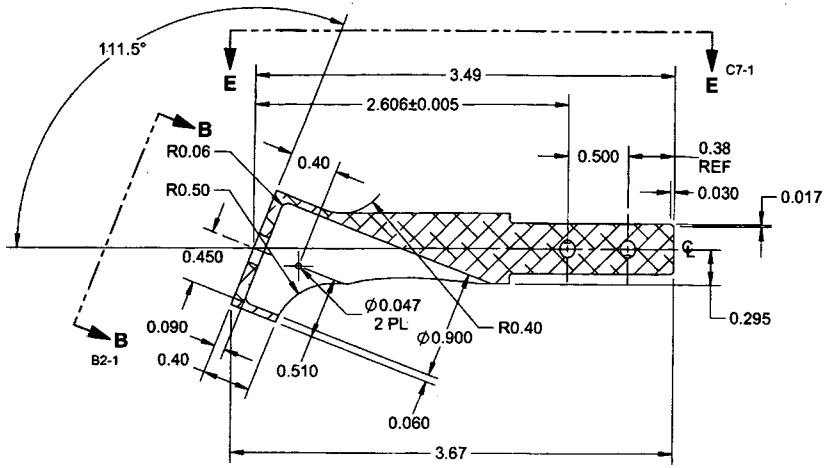
FAULT CATEGORY

Landing Gear

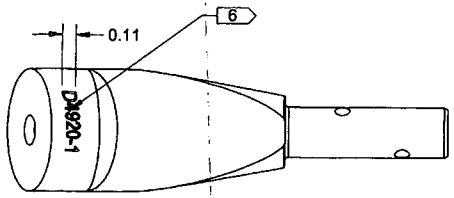
☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

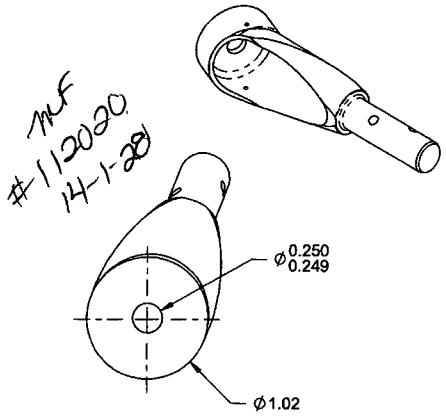
☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
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☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other



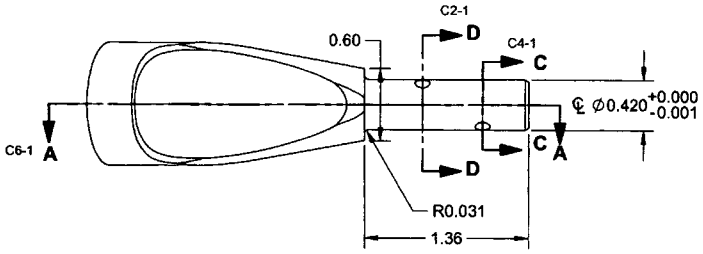
SECTION A-A B5-1

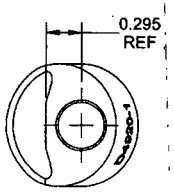


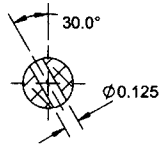
AUXILIARY VIEW E-E C7-1



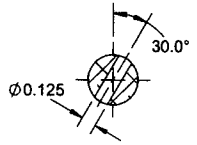
AUXILIARY VIEW B-B C7-1







SECTION C-C C5-1



SECTION D-D C5-1

D4920-1 END FITTING

NOTES:
1) MATERIAL: 17-4 PH/S17400/TYPE 630 SS ROUND BAR, H900 CONDITION
PER AMS 5643/ASTM A564
DART SPEC M17-4-R
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.3.
ENGRAVE P/N USING 0.11 HIGH LETTERS TO A MAX. DEPTH OF 0.010
7) WEIGHT: 0.21 lbs
8) LIQUID PENETRANT INSPECT PER QSI 038 6.1.1 (ASTM E1417 LEVEL 2)

REV.	DESCRIPTION	BY	DATE
A	NEW ISSUE	RF	13.09.16

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	DRAWING NO. D4920 REV. A
CHECKED	HS	SHEET 1 OF 2
MFG. APPR.	JLM	TITLE END FITTING
APPROVED	HS	SCALE NTS
DE APPR.	DS	
DATE	13.12.15	

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

DART AEROSPACE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐ ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

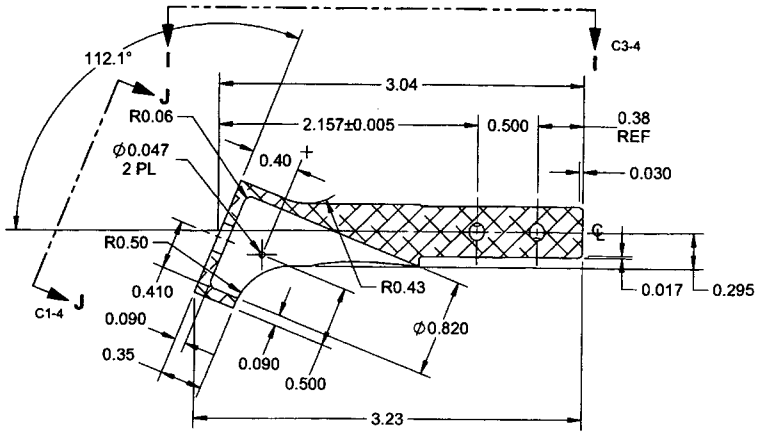
FAULT CATEGORY

Landing Gear

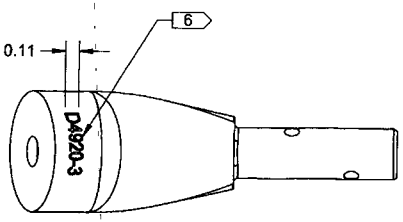
☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

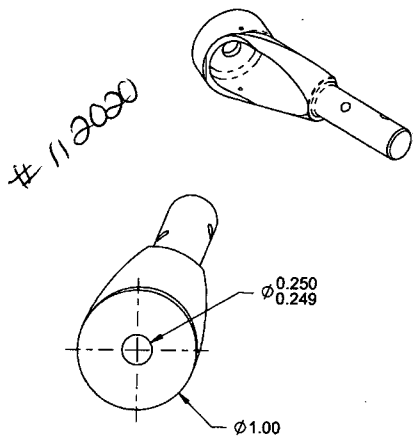
☐ Bend
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☐ Contamination
☐ Countersink
☐ Cut Too Short
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☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other



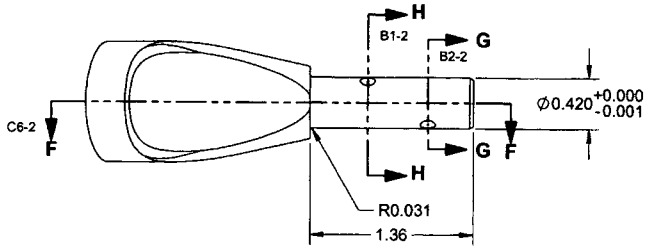
SECTION F-F B7-2

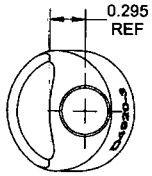


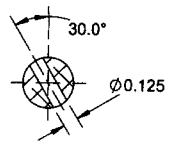
AUXILIARY VIEW I-I D5-2



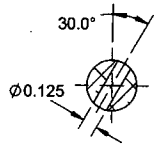
VIEW J-J D7-2







SECTION G-G B5-2



SECTION H-H B6-2

D4920-3 END FITTING

NOTES:
1) MATERIAL: 17-4 PH/S17400/TYPE 630 SS ROUND BAR, H900 CONDITION
PER AMS 5643/ASTM A564
DART SPEC M17-4-R
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.3.
ENGRAVE P/N USING 0.11 HIGH LETTERS TO A MAX. DEPTH OF 0.010
7) WEIGHT: 0.17 lbs
8) LIQUID PENETRANT INSPECT PER QSI 038 6.1.1 (ASTM E1417 LEVEL 2)

APPROVED

DESIGN	RF	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	DRAWING NO. D4920 REV. A SHEET 2 OF 2
CHECKED	HS	
MFG. APPR.	JLM	
APPROVED	HS	TITLE END FITTING SCALE NTS
DE APPR.	DS	
DATE	13.12.15	

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

DART AEROSPACE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐ ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
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☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge
☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled
☐ Other

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544
Fax: (613) 446-4556

ATG INDUSTRIES INC.

Pack List

Number: 907604 Date: 22-Mar-14

To

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613 632-9577 Fax: 613 632-1053

Ship To

Michael Gregoire
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613 632-9577 Fax: 613 632-1053

Terms	Ship Via

Quantity	Description
	PLEASE REFERENCE THE PACK LIST NUMBER ON ALL CORRESPONDENCE TO THIS SHIPMENT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL AT (613) 446-4544.
2 ea	Part: D4920-1P Rev: A END FITTING Job: 15722 PO: PO22838 Line: 19 PARTS HAS NO NDT CERTIFICATION AS PER EMAIL FROM DART
3 ea	Part: D4920-3P Rev: A END FITTING Job: 15723 PO: PO22838 Line: 20 PARTS HAS NO NDT CERTIFICATION AS PER EMAIL FROM DART
	DATE : 22/03/2014 CERTIFIED SIGNATURE: RECEIVER SIGNATURE : CERTIFICATE OF CONFORMANCE A.T.G. INDUSTRIES INC. CERTIFIES THAT ALL ITEMS IN THIS SHIPMENT ARE IN CONFORMANCE WITH THE REQUIREMENTS, SPECIFICATIONS, AND DRAWINGS REFERENCED IN THE ABOVE PURCHASE ORDER. I.S.O. 9001 : 2008 REGISTERED / MADE IN CANADA

SP 14-3-24

Hi Pat,
As discussed,we will take care of the ndt for the D4920-1/3,I will pick up the parts on Friday.
Keep me posted,
JL

From: Patrick Page [mailto:pagep@atgindustries.com]
Sent: March-17-14 10:23 AM
To: Jean-Luc Menard
Subject: RE: Eng Mounr end fittings PO22838

Jean-Luc,

It was on our side the we ad trouble with our emails.

4920 will go on the machine on Wednesday and will have to go to Sky service next monday

Thank you

Pat Pagé
Shop Foreman
A.T.G. Industries Inc.
(TEL) 613-446-4544 • (FAX) 613-446-4556
E-mail: pagep@atgindustries.com
Website: www.atgindustries.com

From: Jean-Luc Menard [jmenard@dartaero.com]
Sent: Monday, March 17, 2014 8:48 AM
To: Patrick Page
Subject: RE: Eng Mounr end fittings PO22838

Good morning Pat,
I am resending this to you as something happened on Friday with the e-mail and I don't know if it was on our end or yours.
Pls see below,
Thx
JL

From: Jean-Luc Menard
Sent: March-14-14 3:02 PM
To: 'Patrick Page'
Subject: RE: Eng Mounr end fittings PO22838

Hi Pat,
Any news on the d4920's?
Thx
JL

From: Patrick Page [mailto:pagep@atgindustries.com]
Sent: March-12-14 5:13 PM
To: Jean-Luc Menard

DART AEROSPACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22838

Purchase Order Date 1/30/2014
PO Print Date 1/30/2014

Order From : VC-ATG001

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 613-446-4544

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Michael Gregoire
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

19	D4920-1P	End Fitting	3/7/2014 Yes 3/7/2014	3.00 Each	rec'd.	$145.00	S

Manufacture as per drawing D4920 rev.A
Made from 17-4SS H900 Round Bar 1.375"
B112020

Line Total: $

20	D4920-3P	End Fitting	3/7/2014 Yes 3/7/2014	3.00 Each		$145.00	S

Manufacture as per drawing D4920 rev.A
Made from 17-4SS H900 Round Bar 1.375"
B112021

Line Total: $4

PO Total: $10.2

PO Instructions: Procurement Quality Clauses
A004 FAA-PMA /TSO
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A016 PERSONNEL QUALIFICATION
A024 PROCESS CERTIFICATIONS
A025 CERTIFICATE OF CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM

M. Gregoire

First Article Inspection Report

ATG INDUSTRIES INC.

731 Industrielle St
Rockland, Ontario K4K 1T2
Ph: 613 446-4544

Customer:	Dart Aerospace	Date:	March 22nd, 2014	468
Part Number:	D4920-1P	Revision:	A	
PO Number:	PO22838	Qty:	3	FAI No.

Item	Dimension	Measurement Inspected by: Rene Tougas, Q.C.	Remarks
1	3.49	3.487	Section A-A
2	2.606±.005	2.604	
3	.040	.403	
4	.500	.499	
5	.38 REF	.382	
6	.030	.030	
7	.017	.017	
8	.295	.297	
9	3.67	3.673	
10	R.40	.40	
11	Ø.900	.906	
12	.060	.056	
13	Ø.047	.049	2 Places
14	.510	.510	
15	.40	.401	
16	.090	.088	
17	.450	.455	
18	R.50	.50	
19	R.06	.032	
20	111.5º	111.2º	
21	.11	.115	Auxiliary View E-E
22	Note 6	✓	
23	Ø.250/.249	.250	Auxiliary View B-B
24	Ø1.02	Ø1.02	
25	.60	.596	
26	Ø.420+.000/-.001	.4198	
27	1.36	1.360	
28	R.031	.03	
29	.295 REF	.297	
30	30º	30º	Section C-C
31	Ø.125	.126	

First Article Inspection Report

ATG INDUSTRIES INC.

731 Industrielle St
Rockland, Ontario K4K 1T2
Ph: 613 446-4544

Customer:	Dart Aerospace	Date:	March 22nd, 2014	468
Part Number:	D4920-1P	Revision:	A	
PO Number:	PO22838	Qty:	3	FAI No.

Item	Dimension	Measurement Inspected by: Rene Tougas, Q.C.	Remarks
32	30º	30º	Section D-D
33	Ø.125	Ø.125	
34	Material:	17-4SS H900 1.375" RD BAR	Supplied by Customer
~~35~~	~~Treatment:~~	~~Liquid Penetrant~~	Cancelled via Email by Customer

skyservice Work Order Traveler

Sky Service F.B.O. Inc.

DOT APP 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO20030	**Customer:** Cash Sale	**Dept:** NDT YUL	**Reference:** PO 20509
Descr:	**PN:** DART AEROSPACE	**S/N:**	**Qty:** 1
Make:	**Model:**	**Reg:** DAS 27 9-89	**A/C S/N:**
TSN: 0	**CSN:** 0	**TSO:** 0	

Task: 14/3/25 **Sequence:** 0

Work Required:

CARRY OUT NDT ON THE FOLLOWING ITEMS:

1) ITEM ID: D4920-1 WORK ORDER ID 112020 - QTY 2
2) ITEM ID: D4920-3 WORKORDER ID 112021 QTY 3
3) ITEM ID: D412-664-203 W.O. ID 114223
4) ITEM ID: D412-664-203 W.O. ID 114827
5) ITEM ID: D412-664-203 W.O. ID 114826

Action Taken:	Date:	Initial/Stamp:
LIQUID PENETRANT INSPECTION BACK UP BY EDDY CURRENT INSPECTION CARRIED OUT ON ITEMS LISTED ABOVE.	25 MAR 14	DOT-APP 19 53-89
NO CRACKS FOUND		

Description	Location	P/N	Qty	Batch	S/N Off	S/N On
LPI : ARDROX		970P2SE		BATCH # TP010484		
BLACK LIGHT : M20189						
EDDY CURRENT: NORTEC 500S				S/N T-20656	CAL DUE 30 JAN 15	

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:		**ACA/SCA Stamp** DOT-APP 19 53-89	Date: 25 MAR 2014
Name: GARY SMITH			

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO23509

Purchase Order Date 3/25/2014
PO Print Date 3/25/2014

Order From : VC-SKY001

SKYSERVICE
6120 MIDFIELD ROAD
MISSISSAUGA, ONTARIO L5P 1B1
CANADA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905-678-5636

Ship To Contact
Ship To Phone
Ship Via: Delivered
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA – (Free Carrier)

Line Nbr	Reference / Vendor Part Number / Line Comments / Delivery Comments	Description/ Mfg ID	Req Date/ Taxable / Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	112020	D4920-1 END FITTING	3/25/2014 Yes 3/25/2014		2.00	$94.50	$189.00
	LIQUID PENETRANT INSPECTION AS PER QSI 038 OR LPI AS PER ASTM 1417 LEVEL 2						
						Line Total:	**$189.00**
2	112021	D4920-3 END FITTING	3/25/2014 Yes 3/25/2014		3.00	$63.00	$189.00
	LIQUID PENETRANT INSPECTION AS PER QSI 038 OR LPI AS PER ASTM 1417 LEVEL 2						
						Line Total:	**$189.00**

Note: